

ROCKY FLATS PLANT
EMD OPERATING
PROCEDURES MANUAL
VOL I: FIELD OPERATIONS

Manual No.: 5-21000-OPS-FO
New Manual No.: 4-11000-ER-OPS-FO
Procedure No.: Table of Contents, Rev 66
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Effective Date: 05/26/94
Organization: Environmental Management

THIS IS ONE VOLUME OF A SIX VOLUME SET WHICH INCLUDES:

VOLUME I: FIELD OPERATIONS (FO)
VOLUME II: GROUNDWATER (GW)
VOLUME III: GEOTECHNICAL (GT)
VOLUME IV: SURFACE WATER (SW)
VOLUME V: ECOLOGY (EE)
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**EG&G
SUPERSEDED
DOCUMENT**

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FO.02	Transmittal of Field QA Records CANCELLED	3	04/15/94
DCN 93.01	Working Base Maps CANCELLED	3	04/15/94
FO.03	General Equipment Decontamination	2	05/12/92
•94-DMR-001021	Section FO.03 Text Addition	2	05/26/94
FO.04	Heavy Equipment Decontamination	2	05/12/92
FO.05	Handling of Purge and Development Water	2	05/12/92
94-DMR-000278	Groundwater Monitoring Modifications	2	02/25/94
FO.06	Handling of Personal Protective Equipment	2	05/12/92
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FO.08	Handling of Drilling Fluids and Cuttings	2	05/12/92
DCN 93.01	Better Consistency of Drum Handling	2	06/29/93

DOCUMENT CLASSIFICATION REVIEW WAIVER
PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

A-SW-001292

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PROCEDURES MANUAL****Procedure No.:****Table of Contents, Rev 66****VOL I: FIELD OPERATIONS****Page:****2 of 3****Effective Date:****05/26/94****Organization:****Environmental Management**

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FO.09	Handling of Residual Samples	2	05/12/92
FO.10	Receiving, Labeling, and Handling Environmental Materials Containers	2	05/12/92
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DCN 93.05	Drum Labeling Change	2	06/29/93
DCN 93.06	Drum Sample Numbers	2	06/29/93
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93-DMR-000677	DMR	2	11/01/93
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94-DMR-000558	Form Modification	2	04/15/94
FO.11	Field Communications	2	05/12/92
FO.12	Decontamination Facility Operations	2	05/12/92
FO.13	Containerization, Preserving, Handling and Shipping of Soil and Water Samples	2	05/12/92
93-DMR-000530	Section FO.13 Modification	2	11/04/93
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FO.17	Determining Out-Of-Specification Analytical Results for Environmental Samples		To Be Added
FO.18	Environmental Sample Radioactivity Content Screening	1	05/12/92

DOCUMENT MODIFICATION REQUEST (DMR)

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Refer to 1-A01-PPG-001 for Processing Instructions.

Print or Type All Information (Except Signatures)

2. Existing Document Number/Revision F.O.3, Rev. 2 5-21000-OPS-FO.3, R2			1. Date 5/23/94		25. DMR No. 94-DMR-001021 <i>Line 5/23/94</i>	
4. Originator's Name/Phone/Page/Location Suzanne Berman Smith/8670/D4619/080			3. New Document Number or Document Number if it is to be changed with this Revision N/A			
6. Document Type <input checked="" type="checkbox"/> Procedure <input type="checkbox"/> Other			5. Document Title General Equipment Decontamination			
7. Document Modification Type (Check only one) <input type="checkbox"/> New <input type="checkbox"/> Revision <input checked="" type="checkbox"/> Intent Change <input type="checkbox"/> Nonintent Change <input type="checkbox"/> Editorial Correction <input type="checkbox"/> Cancellation			<i>Line 5/23/94</i>			
8. Item	9. Page	10. Step	11. Proposed Modifications			
1	18	Sec. 5.6.6	<p>Add the following to the procedures:</p> <p>Cleaning Procedures for Small Stainless Steel or Teflon® Equipment used to sample media possibly Containing Polychlorinated Biphenols (PCBs)</p> <p>This procedure applies when equipment is cleaned in the field.</p> <ol style="list-style-type: none"> Using a hand held spray bottle, spray equipment with iso-octanol, or a solution of tap water and a non-phosphate laboratory detergent such as pipex or liquinox. Thoroughly wipe equipment with a disposable cloth or other suitable material and discard properly. Using a hand held spray bottle, spray equipment with tap water. Thoroughly wipe equipment, properly discarding cloth. Using a hand held spray bottle, spray equipment with distilled water. Thoroughly wipe equipment, and properly discarding cloth. If the equipment is not to be used immediately after decontamination then the equipment should be wrapped in plastic or aluminum foil. 			
12. Justification (Reason for Modification, EJO#, TP#, etc.)						
Item No. 1 - Necessary to implement sampling in PCB contaminated areas with minimal TSCA liquid waste generation.						
If modification is for a new procedure or a revision, list concurring disciplines in Block 13, and enter N/A in Blocks 14 and 15. If modification is for any type of change or a cancellation, organizations are listed in Block 13, then Concurrer prints, and signs in Block 14, and dates in Block 15.						
13. Organization		14. Print and Sign (if applicable)			15. Date (if applicable)	
RPM		Bruce Peterman <i>for BDP</i>			5/23/94	
FOM		Marla Broussard <i>Marla Broussard</i>			5/24/94	
RE		Richard S. Bauma <i>Richard S. Bauma</i>			5/25/94	
IH		Lisa Nelowet <i>M.O. Schickengerst for J.A. Nelowet</i>			5/25/94	
EQS		Mark Brooks <i>(RR) Steve Jones</i>			5.15.94	
FOM		Nick Demos <i>Nick Demos</i>			5/25/94	
DOE/RFFO		Steve Slaten <i>Steve Slaten</i>			5/23/94	
16. Originator's Supervisor (print/sign/date) B. D. Peterman <i>for BDP 5/23/94</i>						
17. Assigned SME/Phone/Page/Location Richard S. Bauma/5565/D1070/T130C		18. Cost Center 243		19. Charge Number 989263-00		20. Requested Completion Date 5/25/94
22. Accelerated Review? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		23. ORC Review Not Required				
24. Responsible Manager (print, sign, date) B.D. Peterman		<p><i>This non-intent change was processed as an intent change to expedite the DMR process. Line 5/23/94</i></p> <p><i>for BDP 5/23/94</i></p>				

REVIEWED FOR CLASSIFICATION/UCNI

BY NA
DATE NA

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PER R.B. HOFFMAN, CLASSIFICATION OFFICE
JUNE 11, 1991

GENERAL EQUIPMENT DECONTAMINATION

EG&G ROCKY FLATS PLANT
EMD FIELD PROCEDURES SOP

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If verified free of radiological contamination by a Radiological Engineering-approved contractor Health and Safety Specialist, return the drum to the storage area.

5.6.6 Cleaning Procedures for Small Stainless Steel or Teflon® Equipment Used to Sample Media Possibly Containing Polychlorinated Biphenols (PCBs)

This procedure applies when equipment is cleaned in the field.

1. Using a hand held spray bottle, spray equipment with iso-octanol, or a solution of tap water and a non-phosphate laboratory detergent such as pipex or liquinox.
2. Thoroughly wipe equipment with a disposable cloth or other suitable material and discard properly.
3. Using a hand held spray bottle, spray equipment with tap water.
4. Thoroughly wipe equipment, properly discarding cloth.
5. Using a hand held spray bottle, spray equipment with distilled water.
6. Thoroughly wipe equipment, and properly discarding cloth.
7. If the equipment is not to be used immediately after decontamination then the equipment should be wrapped in plastic or aluminum foil.

6.0 QUALITY ASSURANCE/QUALITY CONTROL

Quality Assurance (QA) and Quality Control (QC) activities will be accomplished according to applicable project plans as well as quality requirements presented in this SOP.

This section outlines guidelines for specific quality control procedures to monitor the effectiveness of cleaning procedures given in the attachments.